

Gerard W Canters

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Single electron transfer events and dynamical heterogeneity in the small protein azurin from <i>Pseudomonas aeruginosa</i> . <i>Chemical Science</i> , 2020, 11, 763-771.	7.4	18
2	Chemical Exchange at the Trinuclear Copper Center of Small Laccase from <i>Streptomyces coelicolor</i> . <i>Biophysical Journal</i> , 2020, 119, 9-14.	0.5	17
3	Fluorescence Correlation Spectroscopy of Labeled Azurin Reveals Photoinduced Electron Transfer between Label and Cu Center. <i>Chemistry - A European Journal</i> , 2018, 24, 646-654.	3.3	3
4	Tracking Electrons in Biological Macromolecules: From Ensemble to Single Molecule. <i>Molecules</i> , 2014, 19, 11660-11678.	3.8	7
5	One at a Time: Intramolecular Electron-Transfer Kinetics in Small Laccase Observed during Turnover. <i>Journal of the American Chemical Society</i> , 2014, 136, 2707-2710.	13.7	17
6	Biosensor for Phenolic Compounds with Fluorescent Readout. <i>Chemistry - A European Journal</i> , 2013, 19, 14977-14982.	3.3	4
7	Probing redox proteins on a gold surface by single molecule fluorescence spectroscopy. <i>Journal of Chemical Physics</i> , 2012, 136, 235101.	3.0	10
8	Top-Down FTICR MS for the Identification of Fluorescent Labeling Efficiency and Specificity of the Cu-Protein Azurin. <i>Analytical Chemistry</i> , 2012, 84, 2512-2520.	6.5	9
9	Involvement of Tyr108 in the Enzyme Mechanism of the Small Laccase from <i>Streptomyces coelicolor</i> . <i>Journal of the American Chemical Society</i> , 2012, 134, 18213-18216.	13.7	49
10	Channeling of electrons within SLAC, the small laccase from <i>Streptomyces coelicolor</i> . <i>Faraday Discussions</i> , 2011, 148, 161-171.	3.2	11
11	Probing the reactivity of different forms of azurin by flavin photoreduction. <i>FEBS Journal</i> , 2011, 278, 1506-1521.	4.7	6
12	Fluorescence Lifetime Analysis of Nitrite Reductase from <i>Alcaligenes xylosoxidans</i> at the Single-Molecule Level Reveals the Enzyme Mechanism. <i>Chemistry - A European Journal</i> , 2011, 17, 12015-12019.	3.3	22
13	Fluorescent Cyclic Voltammetry of Immobilized Azurin: Direct Observation of Thermodynamic and Kinetic Heterogeneity. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5776-5779.	13.8	74
14	A FRET-based biosensor for NO detection. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 619-624.	3.5	24
15	2-Deoxystreptamine Conjugates by Truncation-Dependent Derivatization of Neomycin. <i>Pharmaceuticals</i> , 2010, 3, 679-701.	3.8	3
16	Large Amplitude Conductance Gating in a Wired Redox Molecule. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1541-1546.	4.6	16
17	Flavodoxin Relaxes in Microseconds Upon Excitation of the Flavin Chromophore: Detection of a UV-Visible Silent Intermediate by Laser Photocalorimetry. <i>Photochemistry and Photobiology</i> , 2009, 85, 107-110.	2.5	0
18	Identification of a Radical Intermediate in the Enzymatic Reduction of Oxygen by a Small Laccase. <i>Journal of the American Chemical Society</i> , 2009, 131, 11680-11682.	13.7	32

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19	Site-Site Interactions Enhances Intramolecular Electron Transfer in <i>Streptomyces coelicolor</i> laccase. <i>Journal of the American Chemical Society</i> , 2009, 131, 18226-18227.	13.7	27
20	Type-3 copper proteins as biocompatible and reusable oxygen sensors. <i>Inorganica Chimica Acta</i> , 2008, 361, 1116-1121.	2.4	15
21	The enzyme mechanism of nitrite reductase studied at single-molecule level. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3250-3255.	7.1	70
22	Protein Film Voltammetry of Copper-Containing Nitrite Reductase Reveals Reversible Inactivation. <i>Journal of the American Chemical Society</i> , 2007, 129, 8557-8565.	13.7	45
23	Effect of the Methionine Ligand on the Reorganization Energy of the Type-1 Copper Site of Nitrite Reductase. <i>Journal of the American Chemical Society</i> , 2007, 129, 519-525.	13.7	25
24	Tryptophan-to-Dye Fluorescence Energy Transfer Applied to Oxygen Sensing by Using Type-3 Copper Proteins. <i>Chemistry - A European Journal</i> , 2007, 13, 7085-7090.	3.3	25
25	Inter- and Intramolecular Electron Transfer in Modified Azurin Dimers. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2627-2634.	2.0	1
26	Spectroscopic Characterization of a High-Potential Lipo-Cupredoxin Found in <i>Streptomyces coelicolor</i> . <i>Journal of the American Chemical Society</i> , 2006, 128, 14579-14589.	13.7	15
27	A Rearranging Ligand Enables Allosteric Control of Catalytic Activity in Copper-containing Nitrite Reductase. <i>Journal of Molecular Biology</i> , 2006, 358, 1081-1093.	4.2	12
28	A Förster-resonance-energy transfer-based method for fluorescence detection of the protein redox state. <i>Analytical Biochemistry</i> , 2006, 350, 52-60.	2.4	42
29	Paramagnetic Properties of the Halide-Bound Derivatives of Oxidised Tyrosinase Investigated by ¹ H NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2006, 12, 7668-7675.	3.3	12
30	Click Chemistry with an Active Site Variant of Azurin. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3861-3868.	2.0	8
31	Spin-Density Distribution in the Copper Site of Azurin. <i>ChemPhysChem</i> , 2006, 7, 1286-1293.	2.1	13
32	A Random-sequential Mechanism for Nitrite Binding and Active Site Reduction in Copper-containing Nitrite Reductase*. <i>Journal of Biological Chemistry</i> , 2006, 281, 16340-16346.	3.4	72
33	A crystallographic study of Cys69Ala flavodoxin II from <i>Azotobacter vinelandii</i> : Structural determinants of redox potential. <i>Protein Science</i> , 2005, 14, 2284-2295.	7.6	48
34	The effect of replacing the axial methionine ligand with a lysine residue in cytochrome <i>c</i> -550 from <i>Paracoccus versutus</i> assessed by X-ray crystallography and unfolding. <i>FEBS Journal</i> , 2005, 272, 2441-2455.	4.7	13
35	The Oxidation State of a Protein Observed Molecule-by-Molecule. <i>ChemPhysChem</i> , 2005, 6, 1381-1386.	2.1	13
36	Calculation of the Redox Potential of the Protein Azurin and Some Mutants. <i>ChemBioChem</i> , 2005, 6, 738-746.	2.6	49

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37	The Effects of Ligand Exchange and Mobility on the Peroxidase Activity of a Bacterial Cytochrome c upon Unfolding. <i>ChemBioChem</i> , 2005, 6, 747-758.	2.6	5
38	Sensitive detection of the redox state of copper proteins using fluorescence. <i>Journal of Biological Inorganic Chemistry</i> , 2005, 10, 683-687.	2.6	20
39	Ligand Loop Effects on the Free Energy Change of Redox and pH-Dependent Equilibria in Cupredoxins Probed on Amicyanin Variants. <i>Biochemistry</i> , 2005, 44, 9944-9949.	2.5	24
40	Interaction between the Type-3 Copper Protein Tyrosinase and the Substrate Analogue p-Nitrophenol Studied by NMR. <i>Journal of the American Chemical Society</i> , 2005, 127, 567-575.	13.7	39
41	Stopped-flow Fluorescence Studies of Inhibitor Binding to Tyrosinase from <i>Streptomyces antibioticus</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 13425-13434.	3.4	26
42	What are the structural features of the active site that define binuclear copper proteins function?. <i>Micron</i> , 2004, 35, 143-145.	2.2	4
43	Bidirectional Catalysis by Copper-Containing Nitrite Reductase. <i>Biochemistry</i> , 2004, 43, 10467-10474.	2.5	59
44	Characterization of SLAC: A small laccase from <i>Streptomyces coelicolor</i> with unprecedented activity. <i>Protein Science</i> , 2004, 13, 2388-2397.	7.6	198
45	Simulation of the Substrate Cavity Dynamics of Quercetinase. <i>Journal of Molecular Biology</i> , 2004, 344, 725-738.	4.2	11
46	Messung eines Cu-Cu-Abstands von 26 Å... mit einer gepulsten EPR-Methode. <i>Angewandte Chemie</i> , 2003, 115, 64-67.	2.0	13
47	Measurement of a Cu-Cu Distance of 26 Å... by a Pulsed EPR Method. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 62-64.	13.8	83
48	Reconstitution of the Type-1 Active Site of the H145G/A Variants of Nitrite Reductase by Ligand Insertion. <i>Biochemistry</i> , 2003, 42, 4075-4083.	2.5	37
49	Control of Metalloprotein Reduction Potential: Compensation Phenomena in the Reduction Thermodynamics of Blue Copper Proteins. <i>Biochemistry</i> , 2003, 42, 9214-9220.	2.5	58
50	Spectroscopic Characterization of the Electronic Changes in the Active Site of <i>Streptomyces antibioticus</i> Tyrosinase upon Binding of Transition State Analogue Inhibitors. <i>Journal of Biological Chemistry</i> , 2003, 278, 7381-7389.	3.4	34
51	A New Type 2 Copper Cysteinate Azurin. <i>Journal of Biological Chemistry</i> , 2002, 277, 44121-44130.	3.4	19
52	Structural Basis and Mechanism of the Inhibition of the Type-3 Copper Protein Tyrosinase from <i>Streptomyces antibioticus</i> by Halide Ions. <i>Journal of Biological Chemistry</i> , 2002, 277, 30436-30444.	3.4	43
53	Tyrosinase-catalyzed Oxidation of Fluorophenols. <i>Journal of Biological Chemistry</i> , 2002, 277, 44606-44612.	3.4	71
54	Thermodynamics of the Acid Transition in Blue Copper Proteins. <i>Biochemistry</i> , 2002, 41, 14293-14298.	2.5	32

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55	Peroxidase Activity as a Tool for Studying the Folding of c-Type Cytochromes. <i>Biochemistry</i> , 2002, 41, 13067-13077.	2.5	106
56	Effect of the Protein Matrix of Cytochrome c in Suppressing the Inherent Peroxidase Activity of Its Heme Prosthetic Group. <i>ChemBioChem</i> , 2002, 3, 110-112.	2.6	32
57	The pH-dependent redox inactivation of amicyanin from <i>Paracoccus versutus</i> as studied by rapid protein-film voltammetry. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 94-100.	2.6	12
58	Dramatic modulation of electron transfer in protein complexes by crosslinking. <i>Nature Structural Biology</i> , 2002, 9, 48-52.	9.7	81
59	Anti-cooperativity in the two electron oxidation of the S118C disulfide dimer of azurin. <i>Inorganica Chimica Acta</i> , 2002, 331, 296-302.	2.4	12
60	Interaction of Yeast Iso-1-cytochrome c with Cytochrome c Peroxidase Investigated by [¹⁵ N, ¹ H] Heteronuclear NMR Spectroscopy. <i>Biochemistry</i> , 2001, 40, 7069-7076.	2.5	79
61	Enthalpic and Entropic Contributions to the Mutational Changes in the Reduction Potential of Azurin. <i>Biochemistry</i> , 2001, 40, 6707-6712.	2.5	38
62	Expression, purification and characterization of the soluble CuA domain of cytochrome c oxidase of <i>Paracoccus versutus</i> . <i>Science Bulletin</i> , 2001, 46, 1608-1611.	1.7	0
63	The peroxidase activity of cytochrome c-550 from <i>Paracoccus versutus</i> . <i>FEBS Journal</i> , 2001, 268, 4207-4216.	0.2	62
64	Effects of Dimerization on Protein Electron Transfer. <i>Chemistry - A European Journal</i> , 2001, 7, 2398-2406.	3.3	28
65	Determination of phenolic compounds using recombinant tyrosinase from <i>Streptomyces antibioticus</i> . <i>Analytica Chimica Acta</i> , 2001, 427, 201-210.	5.4	35
66	Role of ligand substitution on long-range electron transfer in azurins. <i>FEBS Journal</i> , 2000, 267, 3123-3129.	0.2	17
67	Kinetic and paramagnetic NMR investigations of the inhibition of <i>Streptomyces antibioticus</i> tyrosinase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2000, 8, 27-35.	1.8	46
68	The structural role of the copper-coordinating and surface-exposed histidine residue in the blue copper protein azurin 1.1 Edited by R. Huber. <i>Journal of Molecular Biology</i> , 2000, 299, 737-755.	4.2	37
69	EPR study of the dinuclear active copper site of tyrosinase from <i>Streptomyces antibioticus</i> . <i>FEBS Letters</i> , 2000, 474, 228-232.	2.8	40
70	Loop-Directed Mutagenesis of the Blue Copper Protein Amicyanin from <i>Paracoccus versutus</i> and Its Effect on the Structure and the Activity of the Type-1 Copper Site. <i>Journal of the American Chemical Society</i> , 2000, 122, 204-211.	13.7	83
71	The Met99Gln Mutant of Amicyanin from <i>Paracoccus versutus</i> . <i>Biochemistry</i> , 2000, 39, 9551-9560.	2.5	46
72	Role of the Surface-Exposed and Copper-Coordinating Histidine in Blue Copper Proteins: The Electron-Transfer and Redox-Coupled Ligand Binding Properties of His117Gly Azurin. <i>Journal of the American Chemical Society</i> , 2000, 122, 12186-12194.	13.7	71

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73	The effect of pH and ligand exchange on the redox properties of blue copper proteins. <i>Faraday Discussions</i> , 2000, 116, 205-220.	3.2	40
74	Electrostatic effects on the kinetics of photoinduced electron-transfer reactions of the triplet state of zinc cytochrome c with wild-type and mutant forms of <i>Pseudomonas aeruginosa</i> azurin. <i>Journal of Biological Inorganic Chemistry</i> , 1999, 4, 111-121.	2.6	15
75	Paramagnetic NMR investigations of Co(II) and Ni(II) amicyanin. <i>Journal of Biological Chemistry</i> , 1999, 4, 457-467.	2.6	34
76	Paramagnetic NMR studies of blue and purple copper proteins. , 1999, 5, S19-S32.		40
77	¹ H NMR spectroscopy of the binuclear Cu(II) active site of <i>Streptomyces antibioticus</i> tyrosinase. <i>FEBS Letters</i> , 1999, 442, 215-220.	2.8	64
78	Investigation of the Electronic Structure of 2Fe ²⁺ 2S Model Complexes and the Rieske Protein Using Ligand K-Edge X-ray Absorption Spectroscopy. <i>Journal of the American Chemical Society</i> , 1999, 121, 2353-2363.	13.7	59
79	Backbone Dynamics of Azurin in Solution: A Slow Conformational Change Associated with Deprotonation of Histidine 35. <i>Biochemistry</i> , 1999, 38, 12690-12697.	2.5	41
80	¹ H, ¹⁵ N and ¹³ C chemical shift assignment of the guanine nucleotide exchange domain of human Elongation Factor-one beta. <i>Journal of Biomolecular NMR</i> , 1998, 12, 467-468.	2.8	1
81	pH dependence of the enantioselective excited-state quenching of ^{1,3} -Tb(III) and ^{1,3} -Eu(III)tris(pyridine-2,6-dicarboxylate) chelates by ferricytochrome c from horse heart and ferricytochrome c-550 from <i>Paracoccus versutus</i> . <i>Journal of Biological Inorganic Chemistry</i> , 1998, 3, 463-469.	2.6	13
82	Type I blue copper proteins as enantioselective quenchers of the photoluminescence of ^{1,3} -Eu(pyridine-2,6-dicarboxylate) ₃ : azurin from <i>Pseudomonas aeruginosa</i> and its Met44Lys mutant, amicyanin from <i>Paracoccus versutus</i> and parsley plastocyanin. <i>Journal of Biological Inorganic Chemistry</i> , 1998, 3, 663-670.	2.6	8
83	Spectroscopic and Geometric Variations in Perturbed Blue Copper Centers: Electronic Structures of Stellacyanin and Cucumber Basic Protein. <i>Journal of the American Chemical Society</i> , 1998, 120, 9621-9631.	13.7	140
84	Spectroscopy of Mixed-Valence CuA-Type Centers: Ligand-Field Control of Ground-State Properties Related to Electron Transfer. <i>Journal of the American Chemical Society</i> , 1998, 120, 5246-5263.	13.7	192
85	Understanding the Electronic Properties of the CuA Site from the Soluble Domain of Cytochrome c Oxidase through Paramagnetic ¹ H NMR. <i>Biochemistry</i> , 1998, 37, 7378-7389.	2.5	63
86	In vivo studies disprove an obligatory role of azurin in denitrification in <i>Pseudomonas aeruginosa</i> and show that azu expression is under control of RpoS and ANR. <i>Microbiology (United Kingdom)</i> , 1997, 143, 2853-2863.	1.8	126
87	¹ H NMR Study of the Paramagnetic Active Site of the CuA Variant of Amicyanin. <i>Biochemistry</i> , 1997, 36, 3262-3269.	2.5	47
88	Crystal structures of modified apo-His117Gly and apo-His46Gly mutants of <i>Pseudomonas aeruginosa</i> azurin. Edited by I. A. Wilson. <i>Journal of Molecular Biology</i> , 1997, 266, 357-365.	4.2	22
89	Electron-Transfer Properties of <i>Pseudomonas aeruginosa</i> [Lys44, Glu64]azurin. <i>FEBS Journal</i> , 1997, 247, 322-331.	0.2	20
90	Selective observation of the Cu(I)-amicyanin metal site by paramagnetic NMR on partially oxidised samples. <i>Journal of Biomolecular NMR</i> , 1997, 9, 299-305.	2.8	10

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91	Spectroscopic and Mechanistic Studies of Type-1 and Type-2 Copper Sites in <i>Pseudomonas aeruginosa</i> Azurin As Obtained by Addition of External Ligands to Mutant His46Gly. <i>Biochemistry</i> , 1996, 35, 1397-1407.	2.5	60
92	Dimerization of a His117Gly Azurin Mutant by External Addition of 1,5-Di(imidazol-1-yl)alkanes. <i>Biochemistry</i> , 1996, 35, 13205-13211.	2.5	10
93	The role of His117 in the redox reactions of azurin from <i>Pseudomonas aeruginosa</i> . <i>FEBS Letters</i> , 1996, 381, 140-142.	2.8	22
94	¹ H NMR studies of the paramagnetic CuA center of cytochrome oxidase. <i>FEBS Letters</i> , 1996, 394, 340-344.	2.8	33
95	Analysis of the Paramagnetic Copper(II) Site of Amicyanin by ¹ H NMR Spectroscopy. <i>Biochemistry</i> , 1996, 35, 3085-3092.	2.5	77
96	Loop-Directed Mutagenesis Converts Amicyanin from <i>Thiobacillus versutus</i> into a Novel Blue Copper Protein. <i>Journal of the American Chemical Society</i> , 1996, 118, 7406-7407.	13.7	57
97	The Mutation Met121His Creates a Type-1.5 Copper Site in <i>Alcaligenes denitrificans</i> Azurin. <i>FEBS Journal</i> , 1996, 240, 342-351.	0.2	48
98	Structure-function correlation of intramolecular electron transfer in wild type and single-site mutated azurins. <i>Chemical Physics</i> , 1996, 204, 271-277.	1.9	51
99	NMR assignments and relaxation studies of <i>Thiobacillus versutus</i> ferrocyanochrome c-550 indicate the presence of a highly mobile 13-residue long C-terminal tail. <i>Protein Science</i> , 1996, 5, 2494-2505.	7.6	16
100	The CuA site of cytochrome c oxidase. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1996, 115, 345-351.	0.0	11
101	Engineered Cupredoxins and Bacterial Cytochrome c Oxidases Have Similar CuA Sites: Evidence from Resonance Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 1995, 117, 10759-10760.	13.7	34
102	Introduction of a CuA site into the blue copper protein amicyanin from <i>Thiobacillus versutus</i> . <i>FEBS Letters</i> , 1995, 365, 92-94.	2.8	90
103	Kinetics of the reduction of wild-type and mutant cytochrome c-550 by methylamine dehydrogenase and amicyanin from <i>Thiobacillus versutus</i> . <i>FEBS Journal</i> , 1994, 222, 561-571.	0.2	25
104	The introduction of a negative charge into the hydrophobic patch of <i>Pseudomonas aeruginosa</i> azurin affects the electron self-exchange rate and the electrochemistry. <i>FEBS Journal</i> , 1994, 222, 583-588.	0.2	47
105	Solution Structure of the Type 1 Blue Copper Protein Amicyanin from <i>Thiobacillus versutus</i> . <i>Journal of Molecular Biology</i> , 1994, 240, 358-371.	4.2	48
106	Crystal structure analysis and refinement at 2.15 Å resolution of amicyanin, a type I blue copper protein, from <i>Thiobacillus versutus</i> . <i>Journal of Molecular Biology</i> , 1994, 236, 1196-1211.	4.2	83
107	Characterization of Mutant Met100Lys of Cytochrome c-550 from <i>Thiobacillus versutus</i> with Lysine-Histidine Heme Ligation. <i>Biochemistry</i> , 1994, 33, 10051-10059.	2.5	61
108	Effect of lysine ionization on the structure and electrochemical behaviour of the Met44Lys mutant of the blue-copper protein azurin from <i>Pseudomonas aeruginosa</i> . <i>FEBS Journal</i> , 1993, 218, 229-238.	0.2	52

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109	X-ray Analysis and Spectroscopic Characterization of M121Q Azurin. <i>Journal of Molecular Biology</i> , 1993, 229, 1007-1021.	4.2	186
110	Resonance Raman spectroscopy of the azurin His117Gly mutant. Interconversion of type 1 and type 2 copper sites through exogenous ligands. <i>Biochemistry</i> , 1993, 32, 12455-12464.	2.5	74
111	Creation of type-1 and type-2 copper sites by addition of exogenous ligands to the <i>Pseudomonas aeruginosa</i> azurin His117Gly mutant. <i>Journal of the American Chemical Society</i> , 1993, 115, 1121-1129.	13.7	124
112	Mutagenesis of the conserved lysine 14 of cytochrome c-550 from <i>Thiobacillus versutus</i> affects the protein structure and the electron self-exchange rate. <i>Biochemistry</i> , 1993, 32, 13893-13901.	2.5	28
113	Complete sequential proton and nitrogen-15 nuclear magnetic resonance assignments and solution secondary structure of the blue copper protein azurin from <i>Pseudomonas aeruginosa</i> . <i>Biochemistry</i> , 1992, 31, 10194-10207.	2.5	65
114	Crystal structure of <i>Pseudomonas aeruginosa</i> apo-azurin at 1.85 Å... resolution. <i>FEBS Letters</i> , 1992, 306, 119-124.	2.8	122
115	Characterization and crystal structure of zinc azurin, a by-product of heterologous expression in <i>Escherichia coli</i> of <i>Pseudomonas aeruginosa</i> copper azurin. <i>FEBS Journal</i> , 1992, 205, 1123-1129.	0.2	126
116	The effect of driving force on intramolecular electron transfer in proteins. Studies on single-site mutated azurins. <i>FEBS Journal</i> , 1992, 210, 399-403.	0.2	48
117	Type I and II copper sites obtained by external addition of ligands to a His117Gly azurin mutant. <i>Journal of the American Chemical Society</i> , 1991, 113, 5050-5052.	13.7	84
118	Crystal structure analysis of oxidized <i>Pseudomonas aeruginosa</i> azurin at pH 5.5 and pH 9.0. <i>Journal of Molecular Biology</i> , 1991, 221, 765-772.	4.2	571
119	X-ray crystal structure of the two site-specific mutants His35Gln and His35Leu of azurin from <i>Pseudomonas aeruginosa</i> . <i>Journal of Molecular Biology</i> , 1991, 218, 427-447.	4.2	170
120	Isolation and characterization of cytochrome c550 from the methylamine-oxidizing electron-transport chain of <i>Thiobacillus versutus</i> . <i>FEBS Journal</i> , 1990, 192, 653-661.	0.2	32
121	Involvement of the hydrophobic patch of azurin in the electron-transfer reactions with cytochrome c551 and nitrite reductase. <i>FEBS Journal</i> , 1990, 194, 109-118.	0.2	160
122	Site-directed mutagenesis reveals that the hydrophobic patch of azurin mediates electron transfer. <i>Journal of the American Chemical Society</i> , 1990, 112, 907-908.	13.7	115
123	Purification and characterization of a non-reconstitutable azurin, obtained by heterologous expression of the <i>Pseudomonas aeruginosa</i> azu gene in <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1990, 1019, 283-292.	1.0	99
124	The pH dependence of the electron self-exchange rate of azurin from <i>Pseudomonas aeruginosa</i> as studied by 1H-NMR. <i>FEBS Journal</i> , 1985, 153, 559-564.	0.2	50